

NON-COMPLIANT
DO NOT ENTER
8/10/04
BTN

IN THE CLAIMS

Please cancel claims 1-5 without prejudice.

Please add new claims 6-20 as follows:

1-5. Canceled

6. (New) A system for detecting celiac disease in a human comprising:

- a) an inert porous support wherein tissue transglutaminase antigen conjugated to a colored substance is deposited and dried, and wherein the support allows release and laminar flow of the conjugated antigen when contacted with a liquid sample; and
- b) a membrane comprising a reactive zone which comprises immobilized tissue transglutaminase antigen.

7. (New) The system according to claim 6, wherein the system further comprises a control zone on the membrane, wherein the control zone comprises a control reagent which reacts with the conjugated antigen.

8. (New) The system according to claim 7, wherein the system further comprises an absorbent pad in contact with the membrane.

9. (New) The system according to claim 6, wherein the membrane is a nitrocellulose or nylon membrane.

10. (New) The system according to claim 9, wherein the membrane has a pore size between 5 to 10 μm ;